1. **Title of the module**

PSYC5000 (SP500) - Psychology Statistics and Practical

1. **School or partner institution which will be responsible for management of the module**

School of Psychology

1. **The level of the module (Level 4, Level 5, Level 6 or Level 7)**

Level 6

1. **The number of credits and the ECTS value which the module represents**

30 Credits (15 ECTS)

1. **Which term(s) the module is to be taught in (or other teaching pattern)**

Autumn and Spring

1. **Prerequisite and co-requisite modules**

None

1. **The programmes of study to which the module contributes**

Compulsory to :

* BSc in Psychology with a Placement Year
* BSc in Psychology with Clinical Psychology and a Placement Year
* BSc in Psychology
* BSc in Psychology with Clinical Psychology
* BSc in Psychology with Forensic Psychology
* BSc in Psychology with Business Psychology
* BSc in Psychology with a year abroad
* BSc in Social Psychology
* BSc in Psychology and Social Anthropology

Not available wild. Not available to short-term credit students.

1. **The intended subject specific learning outcomes.  
   On successfully completing the module students will be able to:**
   1. demonstrate the ability to communicate statistical concepts
   2. demonstrate understanding of statistical scientific conventions
   3. show competence in using a statistical computing package (SPSS)
   4. understand the process of formulating hypotheses on the basis of previous research
   5. formulate designs appropriate to the questions being asked
   6. as part of a group, plan and run appropriate psychological research
   7. acquire good listening skills; show an ability to work with others; respond to other people’s viewpoints
   8. demonstrate the ability to communicate critically
2. **The intended generic learning outcomes.  
   On successfully completing the module students will be able to:**
   1. develop and demonstrate intellectual skills (including critical reflection and evaluation, reading and writing skills, time management, self reflection and clarity in thinking);
   2. develop and demonstrate transferable skills including numeracy, information technology, working with others, communication, problem solving and improving through learning.
3. **A synopsis of the curriculum**

The broad aims of the module are: (a) to provide a continued training in methodological skills appropriate to psychological investigation; (b) to provide advanced training in statistical techniques of the analysis of psychological data; (c) to provide training in computing skills for conducting analysis of psychological data; and (d) to provide direct experience of some of the phenomena encountered in other Stage 2/3 psychology modules. The practical component of the module consists of a structured programme of laboratory classes and non-laboratory sessions during which students work in small supervised groups designing and carrying out four research projects related to themes encountered in the department’s other Stage 2/3 modules. A programme of statistics lectures and computing workshops is closely linked to the practical classes. Computer–based statistical analysis is illustrated using SPSS, a general-purpose statistical package

1. **Reading list (Indicative list, current at time of publication. Reading lists will be published annually)**

Field A. (2013) Discovering Statistics using IBM SPSS statistics. 4th edition (3rd edition is also fine). Sage. A very good book that covers most topics using engaging examples.

Howitt D., & Cramer D. (2011). Introduction to statistics in psychology (5th ed.). Pearson Education. This covers most of the topics but you may need to supplement with other textbooks.

Howitt D., & Cramer D. (2011). Introduction to SPSS in psychology (5th ed.). Pearson Education. This illustrates how to apply SPSS to statistical analyses.

1. **Learning and teaching methods**

Total contact hours: 66

Private study hours: 234

Total study hours: 300

1. **Assessment methods**
   1. Main assessment methods

2 Practical Reports (9,000 words total volume) 2 x 20%

4 In Class Tests (equally weighted) 60%

13.2 Reassessment methods

This module is reassessed by 100% Examination.

1. **Map of module learning outcomes (sections 8 & 9) to learning and teaching methods (section12) and methods of assessment (section 13)**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Module learning outcome** | 8.1 | 8.2 | 8.3 | 8.4 | 8.5 | 8.6 | 8.7 | 8.8 | 9.1 | 9.2 |
| **Learning/ teaching method** |  |  |  |  |  |  |  |  |  |  |
| Private Study | **x** | **x** | **x** | **x** | **x** |  |  | **x** | **x** | **x** |
| Lectures | **x** | **x** | **x** | **x** | **x** |  |  | **x** | **x** | **x** |
| Practicals | **x** | **x** | **x** | **x** | **x** | **x** | **X** | **x** | **x** | **x** |
| **Assessment method** |  |  |  |  |  |  |  |  |  |  |
| In Class Tests | **x** | **x** | **x** | **x** | **x** |  |  | **x** | **x** | **x** |
| Reports | **x** | **x** | **x** | **x** | **x** | **x** | **x** | **x** | **x** | **x** |

1. **Inclusive module design**

The School recognises and has embedded the expectations of current equality legislation, by ensuring that the module is as accessible as possible by design. Additional alternative arrangements for students with Inclusive Learning Plans (ILPs)/declared disabilities will be made on an individual basis, in consultation with the relevant policies and support services.

The inclusive practices in the guidance (see Annex B Appendix A) have been considered in order to support all students in the following areas:

a) Accessible resources and curriculum

b) Learning, teaching and assessment methods

1. **Campus(es) or centre(s) where module will be delivered**

Canterbury

1. **Internationalisation**

A variety of research examples are used to illustrate how statistical concepts have been used and are currently being used in Psychology. The examples come from research conducted by international researchers from laboratories around the world.

**FACULTIES SUPPORT OFFICE USE ONLY**

**Revision record – all revisions must be recorded in the grid and full details of the change retained in the appropriate committee records.**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Date approved | Major/minor revision | Start date of the delivery of revised version | Section revised | Impacts PLOs (Q6&7 cover sheet) |
| 28/02/20 | Minor | September 2020 | 13 | No |
|  |  |  |  |  |

Revised FSO Jan 2018